



**City of Watsonville**  
**Quick Reference Guide For**  
**Stormwater Post Construction Requirements**

**A. Detached Single Family Performance Tier**

	Tier
≥2,500 SF of new and replaced; < 15,000 SF of net Impervious =	<b>1</b>
≥15,000 SF of net impervious; <22,500 SF new and replaced =	<b>3</b>
≥22,500 SF new and replaced =	<b>4</b>

**B. Multi-Family, Commerical, and Other Performance Tier**

≥2,500 SF of new and replaced; <5,000 SF of net Impervious =	<b>1</b>
≥5,000 SF of net impervious; <15,000 SF of new and replaced =	<b>2</b>
≥15,000 but <22,500 SF of new and replaced impervious area =	<b>3</b>
≥22,500 SF new and replaced =	<b>4</b>

Note: Net Impervious Area = (Replaced Impervious Area + New Impervious Area) - Reduced Impervious Area Credit

**C. BMP Requirements** (Locate your WMZ using the map on 2nd sheet)

WMZ	Tier 1 - BMP & Runoff Reduction	Tier 2 - Water Quality	Tier 3 - Runoff Retention	Tier 4 - Peak Management
1	Implement Site Design Measures	Provide Volume or Flow Based Treatment	Retain 95 <sup>th</sup> - 24hr Rainfall	Peak Flow Control For 2 and 10 Year Storms
4	Implement Site Design Measures	Provide Volume or Flow Based Treatment	Retain 95 <sup>th</sup> - 24hr Rainfall	Not Required

Note: 85<sup>th</sup> Percentile 24-hour rainfall depth = 0.8" and 95<sup>th</sup> Percentile 24-hour rainfall depth = 1.3"

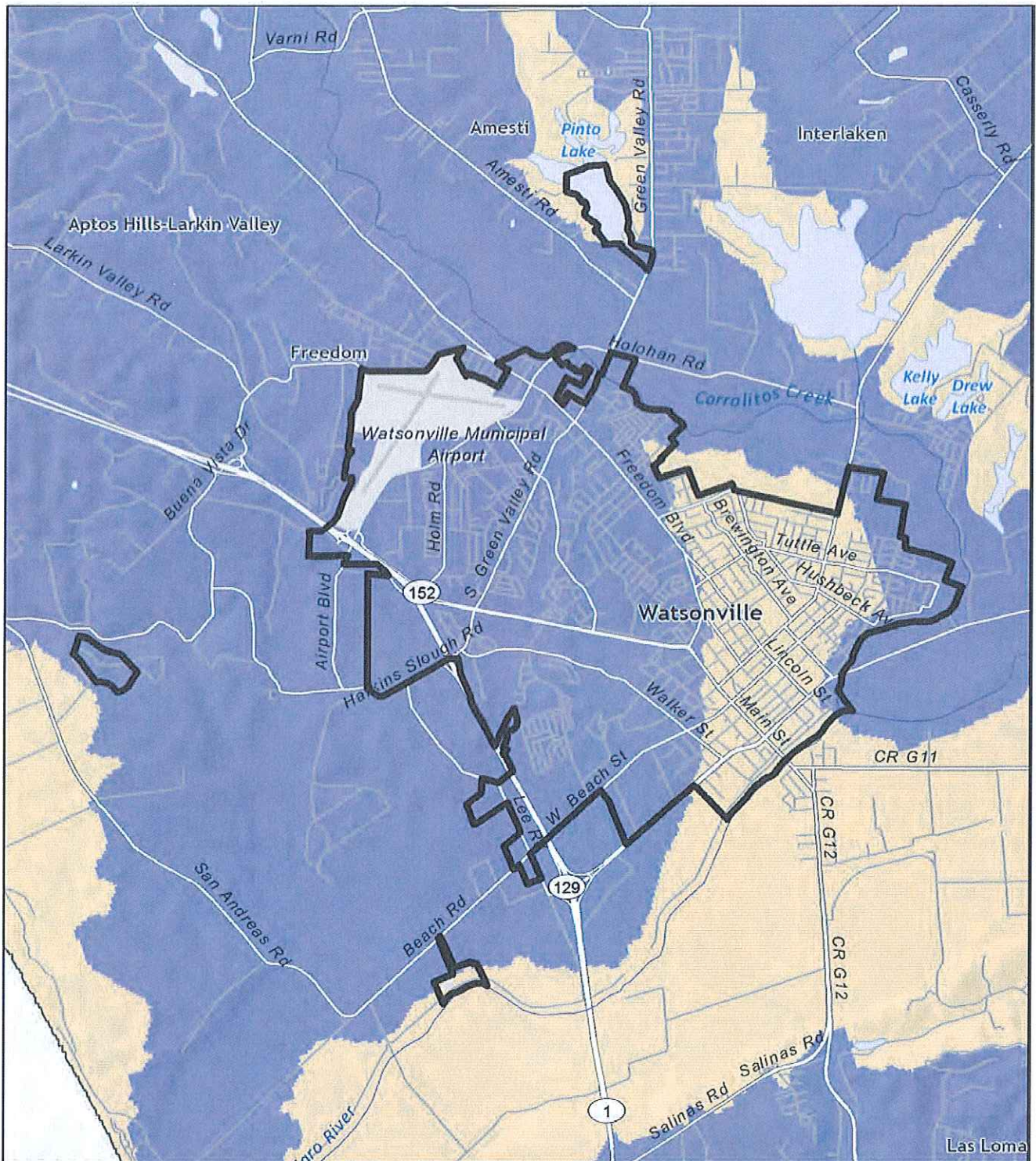
**D. Sample BMPs** (These are just a few typical samples, other options maybe available)

- Tier 1 : Permeable paver driveways, rain gardens, downspout disconnect, and dry wells.
- Tier 2 : Bioretention areas, retention basins, and media filters.
- Tier 3 : Bioretention areas, retention basins, and infiltration chambers.
- Tier 4 : Detention ponds, bioretention basins, and underground storage cisterns.

**E. Reporting Requirements**

Tier	Simple Stormwater Control Plan	Stormwater Control Plan	Operation & Maintenance Plan	Maintenance Agreement
1	Required	-	-	-
2	-	Required	Required	Required
3	-	Required	Required	Required
4	-	Required	Required	Required

F. Watershed Management Zone Map



**CENTRAL COAST JOINT EFFORT** **Watsonville, California**

<p>Watershed management zones</p>			<p>Urban area boundary</p>	<p>Data sources                  Watershed management zones: Stillwater Sciences, 2012                  Base data: ESRI 2010</p>
<p>1 2 3 4</p>	<p>5 6 7 8</p>	<p>9 10</p>		

**Stillwater Sciences**  
[www.stillwatersci.com](http://www.stillwatersci.com)



**City of Watsonville**  
**Project Data - Tier Determination**  
**Pervious & Impervious Calculations**

**Detached Single Family Home**

	<u>Pre development</u>	
Impervious =	0	SF
	<u>Post development</u>	
Existing Impervious to Remain =	0	SF
Replaced Impervious =	0	SF
New Impervious =	0	SF
Total =	0	SF
Reduced Impervious Area Credit=	0	SF
Combined New & Replaced Impervious =	0	SF
Net Impervious Area =	0	SF
(≥2,500 SF of new and replaced; < 15,000 SF of net Impervious) Tier 1=		
( ≥15,000 SF of net impervious; <22,500 SF new and replaced ) Tier 3=		
(≥22,500 SF new and replaced) Tier 4=		

**Multi Family, Commercial, and Others**

	<u>Pre development</u>	
Impervious =	0	SF
	<u>Post development</u>	
Existing Impervious to Remain =	0	SF
Replaced Impervious =	0	SF
New Impervious =	0	SF
Total =	0	SF
Reduced Impervious Area Credit=	0	SF
Combined New & Replaced Impervious =	0	SF
Net Impervious Area =	0	SF
(≥2,500 SF of new and replaced; <5,000 SF of net Impervious) Tier 1 =		
(≥5,000 SF of net impervious; <15,000 SF of new and replaced) Tier 2 =		
( ≥15,000 but <22,500 SF of new and replaced impervious area) Tier 3 =		
(≥22,500 SF new and replaced) Tier 4 =		

Note: Net Impervious Area = (Replaced Impervious Area + New Impervious Area) - Reduced Impervious Area Credit